

WHAT IS CLAIMED IS:

1. A special tool for assembling and disassembling a remote-controllable model-car engine clutch, said clutch including a base connected with a spindle of an engine of a model car, said base having three posts extending forward from an upper surface and fitting in a post hole respectively in three grasps of said clutch, a torsion spring provided at one end of each said grasp where said post hole is formed and fitting around each said post of said base, said torsion spring having one end urging on an outer surface of each said grasp and the other end fitting elastically in an annular position groove of a nut fixed on said spindle:

Said special tool having a head, said head having a prying claw formed to extend up from a head body, said prying claw having an engage groove formed laterally in an intermediate portion and a push groove formed in an upper end surface of the claw body;

Said push groove of said prying claw of said head of said special tool made to push said torque spring fitting around one of said posts and then said head rotated to move away from said nut, then an inner end of said torsion spring fitting in said annular position groove of said nut after said head is rotated reversely so as to finish assembling said grasp with said post of said base; said engage groove of said prying claw of said head of said special tool fitted with the inner end of said torsion

spring and then said head rotated to move the inner end of said torsion spring to separate from said annular position groove of said nut, then said torsion spring together with said grasp of said clutch pulled outward to  
5 leave off said post of said base in case of each said grasp needed to be disassembled.

2. The special tool for assembling and disassembling a remote-controllable model-car engine clutch as claimed in Claim 1, wherein said engage groove of said prying  
10 claw of said head extends from one vertical side laterally and shallowly toward the other vertical side, but not reaching the other vertical side.

3. The special tool for assembling and disassembling a remote-controllable model-car engine clutch as claimed  
15 in Claim 1, wherein said pushing groove of said prying claw is formed at one side of the upper end and curved, having an engage edge formed at an inner side.

4. The special tool for assembling and disassembling a remote-controllable model-car engine clutch as claimed  
20 in Claim 1, wherein said pushing groove is formed in the upper end surface of said prying claw and concave-shaped, having an engage edge respectively at two sides.

5. The special tool for assembling and disassembling a  
25 remote-controllable model-car engine clutch as claimed in Claim 1, wherein a grip is further provided combined with said head.

6. The special tool for assembling and disassembling a remote-controllable model-car engine clutch as claimed in Claim 5, wherein said head further is provided with a lower annular insert portion, said  
5 lower annular insert portion is provided with a flat section on an outer annular surface, said head further has a center though hole for an end of said spindle of the engine to extend therein, said grip has an insert hole in the center section of an upper end for said  
10 lower annular insert portion of said head to fit therein, and an outer wall defining said insert hole has a lateral threaded hole for a bolt to screw in to tensely contact with the flat section of said lower annular insert portion to fix stably the head with said grip.